South Carolina

# YOUNG FARMER and FUTURE FARMER

Magazine

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# Notes from the Executive Secretary

## TO YOUNG FARMERS

By Hugh P. McClimon

Members of the Brittons Neck chapter were excellent hosts for the eighth Summer Tour held July 27-28 in the Pee Dee area.

Registration began at a social on Friday evening with refreshments which featured a beautiful and delicious cake made and decorated in the image of the Young Farmer Emblem. The group visited three very interesting stops on Saturday morning for a glimpse at agriculture in the state's heartland. The tour concluded with a lunch featuring an old-fashioned "Pig Pickin'" which was sponsored by contributions from agribusinesses in the area.

Congratulations and appreciation to Brittons Neck for an outstanding event!

The Sunbelt Agricultural exposition scheduled for Oct. 16-18 at Moultrie, Ga., will be another excellent opportunity for members to participate in group tours.

Agriculture in South Carolina will be highlighted this year in an exhibit depicting education, high technology, marketing and natural resources. This display will be a joint effort by agricultural agencies and organizations in our state.

Wyoming Young Farmers will host the 18th National Young Farmers Educational Institute in Casper on Dec. 1-5. Information and details will be provided to chapter presidents and advisors.

All chapters should submit entries in the Contest and Awards Program. Forms have been distributed to advisors and applications are due by Nov. 1, except for corn and soybeans which may be submitted as late as Dec. 1 depending on harvest conditions. All award winners will be recognized at the State Convention to be held Jan. 18-19 at The Landmark, Myrtle Beach.

## TO FUTURE FARMERS

By J. Earl Frick, Jr.

A new school year has begun, and FFA members and advisors are anticipating another great year for our FFA organization.

Be sure to pay your dues and encourage your friends to join so your State FFA Association can continue to remain strong and offer programs to meet the needs of all members.

The program to recognize chapters that attain 100 percent membership and also those that gain 10 additional members from last year remains in effect for 1984-85. Chapters attaining these goals will be recognized at the 1985 State FFA Convention.

The State FFA Association is coordinating plans for attendance at the National FFA Convention in Kansas City, Nov. 7-11. The State FFA Officers will be attending along with American Farmer Degree candidates and other contest and award representatives from our state. Ask your advisor concerning trip details if you are interested in attending.

Approval to attend must be secured from your school administrators and board of education members. The nearly 25,000 blue and gold jackets will be an inspirational sight, and an exciting program agenda has been planned.

The FFA organization offers many opportunities for members to develop leadership qualities. But the key to developing those qualities is participation in the FFA activities and awards program. Your future success in the world of work could be tied very closely to the skills you develop in vocational agriculture and the FFA organization.

The South Carolina Young Farmer and Future Farmer would like to thank Richard D. Felder of the South Carolina Agricultural Commission for the color cover photograph.

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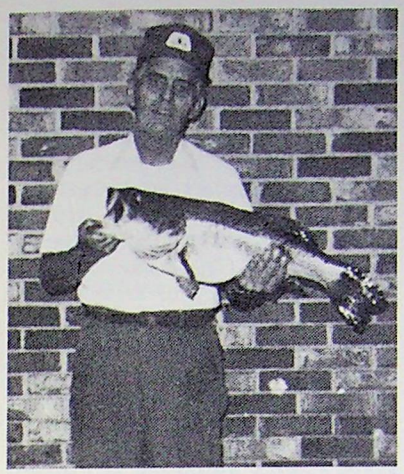
# SCVATA Awards Banquet



Frank Stover poses with his prize catch.

## Stover Retires, Goes Fishing

Frank Stover, retiring after 33 years of service to vocational agriculture, has found time to fulfill one of his retirement goals — to catch a big fish!

Stover reports hooking and landing a black bass which tipped the scales at 10 pounds, 13 ounces. He emphasizes this is no fish story, but absolute truth as verified by accurate scales.

Using a plastic worm, he hooked the denizen of the deep and fought him for 10 minutes that seemed more like an hour. The fish just kept hanging in on the bottom and refused to give in.

Finally, with Stover's perseverance, the fish gave up and flapped, "You win!"

Typical of a good fisherman when asked, "Where did you catch it," he refuses to divulge his secret fishing hole.

Those who know Stover will anxiously await word from him about attempts to hook an even bigger one. The way he loves fishing, he probably will top his own record.

Dr. Arthur K. Jensen (left) and Frank R. Stover (right) display trays they received in honor of their recent retirement. The gifts were presented at the summer South Carolina Vocational Agriculture Teachers Association Awards Banquet at Seawell's Restaurant at the state fairgrounds in Columbia.

## Jensen Retires After 30 Years

Dr. Arthur K. Jensen retired from the agricultural education staff at Clemson University after completing 30 years of service to vocational education and agricultural education.

Jensen received his bachelor's, master's and doctor of philosophy degrees from the University of Wisconsin in agricultural education with minors in biology and animal husbandry.

He has served with distinction in a number of diverse jobs in agricultural education. He began his career as a vocational agriculture teacher in Wisconsin, where he taught for four years.

He served as advisor of the Center for the Preparation of Rural School Teachers for two years in Cambodia, managed the development of a laboratory farm for agricultural education in Platteville, Wis., for three years, served as assistant professor of agricultural education at Clemson for five years and served as an educational consultant in advising agricultural extension institutes at the University of Ife in Nigeria for two years.

Jensen served as director of the Clemson University Vocational Education Media Center for 13 years, where he supervised the development of curriculum materials for all vocational courses in South Carolina and coordinated joint development and exchange of materials with other states.

He also served as a team leader

See Jensen on page 4

# Awards Banquet Continued

## McClellan Retires With Honor

W.W. McClellan retired June 30, after completing 35 years of service to vocational agriculture in South Carolina.

McClellan was born at Cope in Orangeburg County where he attended elementary school and graduated from Bamberg High School in 1941. He entered Voorhees College to continue his education which was interrupted when he was drafted into military service in September, 1942.

He served in the Army with foreign service in Italy, and was separated from service in February, 1946. He continued his education at South Carolina State College where he graduated with a bachelor of science degree in agriculture in 1949.

McClellan's career in vocational agriculture began with his employment at Liberty where he taught until 1955 when he moved to a new school, Clearview, built in Easley. With integration in 1969, he moved to Liberty High School. He has done graduate work at both South Carolina State and Clemson University.

In addition to conducting effective programs, he has been an active member in professional organizations, civic and religious activities, including American Legion, VFW, the Pickens County Livestock Association, Jaycees, Pickens County Beautification Committeeman, Zoning Committeeman of the city of Liberty. He also served as board member of Habitat for humanity and in religious activities. He is presently an associated steward, trustee and pastor's aid of Emanuel AME Church in Cope.

McClellan is also vice president of the trustee board, treasurer of the senior choir, class leader, Sunday school teacher, and president of the trustees of the United Methodist Charge parsonage of Robinson Chapel United Methodist Church of Liberty and sister churches.

In recognition for his many years as advisor in the NFA, he was awarded the Honorary Modern Farmer Degree.

He is married to the former Mary Louise Anderson of Liberty and they have one son, Wilmon, Jr.

McClellan has rendered outstanding service in Pickens County and to the state and we wish for him many happy and healthy years of retirement.

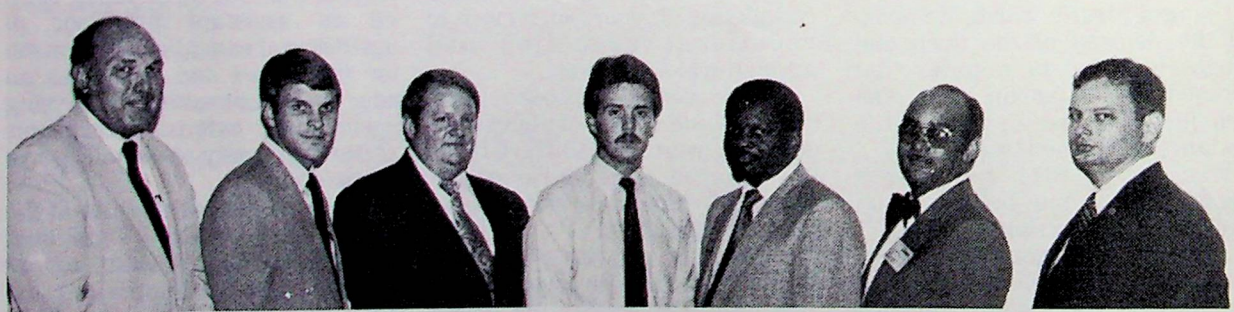
## Jensen

From page 3

agricultural school in the Yemen Arab Republic for two years. He completed his career in agricultural education by serving as a Clemson University professor of vocational technical education for the past two years.

Jensen is the editor of a number of educational publications. His work in the development of vocational teaching materials is recognized nationwide. He is a member of a number of professional organizations and received his Honorary State Farmer Degree and Outstanding Service Award for the FFA.

Jensen has had a distinguished career in agricultural education and vocational education and we wish for him many happy and enjoyable years of retirement.



## New Officers Elected

Elected to lead the South Carolina Vocational Agriculture Teachers Association for 1984-85 are (from left to right) Bruce Wyatt, president, Anderson Vocational Center; Thomas Gladden, president-elect, Fairfield Vocational Center; Barron Simms, district one vice president, Greer; Frank Stover Jr., district two vice president, Pelion; Willie Pearson, district three vice president, Mayo; George Ulmer,district four vice president, Edisto; and Charles Moore, executive secretary, Dorman.

# Awards Banquet Continued

## 30 Year Awards

Louis Manigault

Louis Manigault, Berkeley High School teacher in Moncks Corner, received a 30-year plaque at the SCVATA Awards Banquet on Aug. 1. Manigault holds a bachelor's and master's degree in agricultural education from South Carolina State College in Orangeburg. He is a member of Omega Psi Phi fraternity.

This 30-year veteran teacher taught vocational agriculture for three years in Ruffin, S.C., and 27 years at Berkeley High School, Moncks Corner. He is affiliated with the Anderson Baptist Church of the Santee Circle Section of Moncks Corner where he has served as superintendent of the Sunday school. He is married to the former Hester L. Williams, and they have seven children.

## 20-Year Awards

Receiving 20-year key awards are (from left to right) H.B. Waldrop, Landrum High School; W.P. James, Scotts Branch; and Jake H. Bookard, Bamberg-Ehrhardt. Unable to attend was S.H. Keaton, Abbeville Career Vocational Center.

# Service Awards

## 10-Year Awards

Receiving 10-year keys and certificates at the SCVATA's summer banquet are: (from left to right) Hugh M. Bland, Strom Thurmond High School, Johnston; Barron R. Simms, Greer; William K. Bomar, James F. Byrnes High School, Duncan; J. Elmer Smith, Woodruff; James F. Gilreath Jr.; Wade Hampton High School, Greenville; Charles G. Moore, Dorman High School, Spartanburg; Wesley Carter, Chester; Harmon Cooper, Hemingway; Jerry Pace, Brittons Neck; Scott Crosby, Midland Valley High School, Aiken; and Walter J. Wilson, Aiken. Unable to attend were Bobby Crosby, Abbeville Career Vocational Center; W. Royce Caines, Pendleton; Joe Sutton, Fort Mill; and James L. Bell, Mullins.

# Awards Banquet Continued

## The Market Game Developed

*by Ben Hardee*

The purpose of developing The Market Game was to give the students practical experience in the actual procedures that go into the make-up of our Futures and Stock Market systems in the United States.

The entire exercise is made up of borrowed materials and ideas from the Clemson University Economics Department, local grain dealers, local banking systems, and the South Carolina Farm Bureau Young Farmers Committee.

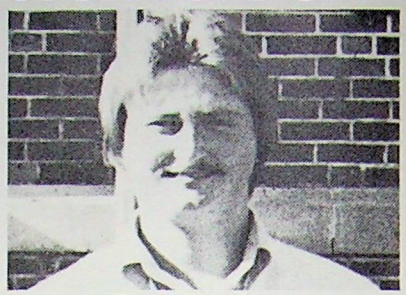
First, each student receives class instruction on how the United States market system works, including factors that can change market flow and how this change can affect the entire economy.

Students are also exposed to the money marketing system through class study, playing the market game and guest speakers from local loan institutions.

The first practical experience students have with the market is through a game called "Inside Track" which can be borrowed free of charge from South Carolina Farm Bureau. This game is very similar to the game "Monopoly," but you earn money from commodity investments instead of earning money from property investments.

This game teaches the student how drastic changes or trends in the market can occur and how it is possible to make or lose a fortune because of these fluctuations.

The next step for studying the market system is the "Market Game." In playing this game, each student receives $100,000 as capital to invest into the market as he or she desires. Each student must make a minimum of one $20,000 transaction per week with the class broker and also is given the option of investing the remainder in the money market system with the class banker. Investing in the money market is optional. However, if a student runs



Ben Hardee

out of money to work with, they must seek a loan from the class banker as outlined on the game rule sheet. All transactions are made within the first five minutes of class each day for the first semester.

Students are evaluated at the end of the semester according to their overall participation in the study game along with a problem-solving exam dealing with situations that arise within the market system.

Students are encouraged to seek additional help from outside sources. All recording data sheets are enclosed and we are currently developing our own computer program to go along with our study of the U.S. marketing system.

## Exchange Of Ideas Brings Improvements

The exchange of new and innovative ideas provides a valuable means of improving instructional techniques and quality throughout state vocational agriculture programs.

This year's second and third place winners in the SCVATA's exchange of ideas competition were Harold Mackey of Belton-Honea Path High School and W.W. Weldon of Florence Vocational Center.

Mackey earned second place with his plan for recruiting junior high school students into the vocational agriculture program.

His plan involved using agriculture teachers and high

See Exchange on page 10

Harold Mackey (left) of Belton-Honea Path High School and W.W. Weldon (right) of Florence Vocational Center are winners of SCVATA's Exchange of Ideas awards.

# S.C. Young Farmers Summer Tour

Some 80 young farmers, agriculture teachers and their spouses attended the Young Farmers Summer Tour hosted by the Brittons Neck Chapter of the Young Farmers Association.

The two-day event held in Florence began Friday, July 27, with an evening social at the Quality Inn. The next day the group took an early morning bus ride to the 500-acre Pee Dee Experiment Station in Florence County.

At the station, which began operation in 1911, the group was briefed on the scope of research and educational programs going on there. Topics of these projects ranged from land preparation to livestock products that come from big farm crops such as soybeans, tobacco, cotton and corn.

Over the years some "firsts" have resulted from Pee Dee Experiment Station research.

- development of lines of tobacco resistant to disease and nematode infestation
- an early method of chemical defoliation of cotton
- a tractor-mounted, low-profile tobacco harvester that will harvest a crop with one pass through the field
- the first demonstration of the chemical Temik which has proven effective in controlling early

See Tour on page 11

After a busy day of touring, participants enjoy a good old-fashioned "Pig Pickin'" before heading home.

At the Pee Dee Experiment Station, tour members examine more than 30 plots of troublesome weeds known to plague farm crops.

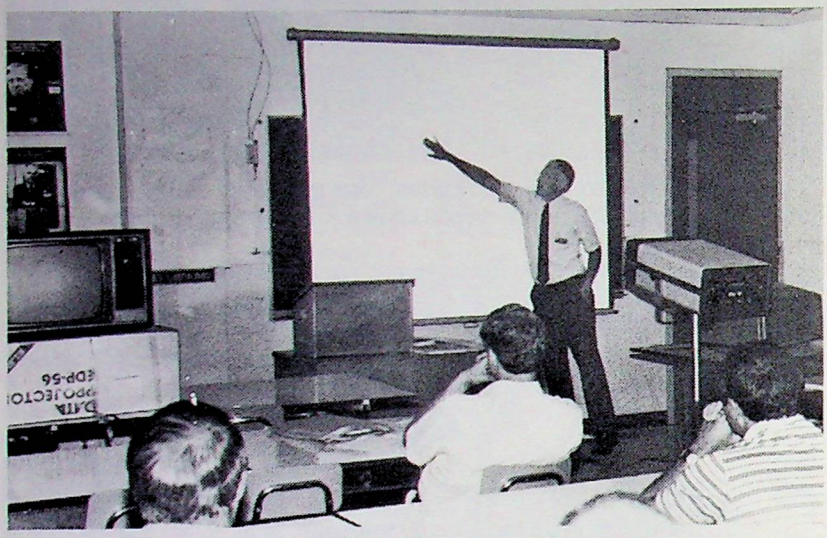
Tour participants inspect grain cleaning and storage facilities at the Harwell Farms.

A young farmer examines samples of various fertilizers on display at the Coleman Guano Co. warehouse.

# Workshops Prepare Teachers For Future

Workshops serve as "refreshers" for teachers, but also provide instruction and expertise in fields related to agriculture, thus preparing teachers to conduct similar workshops in their respective communities.

Five workshops were conducted at the Carolina Coliseum during the South Carolina Vocational Agriculture Teachers Association Annual Conference held in Columbia, July 30-Aug. 1.



## Computer Assisted Farm Management

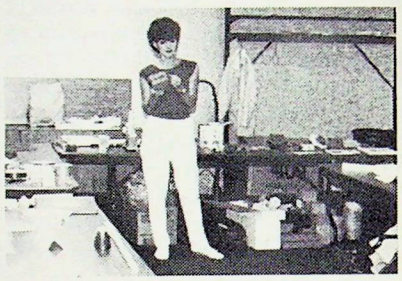
Dr. Al Tinsley, professor of agricultural economics at Clemson University, explains how computers can help farmers with farm management and finance.

## New Teachers Session

Dr. Lloyd Blanton, associate professor of agricultural education at Clemson University, talks to new teachers about problems and challenges they will face while trying to provide good instruction and leadership.

## Supervised Occupational Experience Program

Cleveland Jackson, Union County Vocational Center, explains the importance of working closely with students on home and farm projects in addition to classroom projects.



## Floral Operations

Beth Wallace, agriculture teacher at the Horticulture Center, Greenville, demonstrates how to use a variety of materials to create floral arrangements and displays.

## Agricultural Mechanics

Bill Benfield (standing on left), a representative of International Harvester Co., talks about the need for farm equipment maintenance. "The life you get out of equipment is the maintenance you provide," he said.

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# Wyoming To Host Educational Institute

About 1,000 young farmers and ranchers from around the United States, including a few from South Carolina, will converge on Casper, Wy., in December for the 18th National Young Farmers Educational Institute.

Wyoming Young Farmers, hosts of the Dec. 1-5 institute, have planned special activities which include hay rides to downtown Casper, skiing on Casper Mountain and a western-style BBQ and dance.

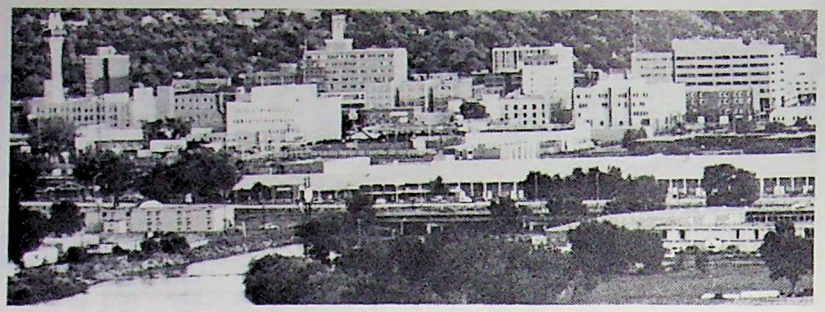
The institute is held each year for young farm leaders to exchange ideas with one another. In addition, the institute helps strengthen young and adult farmer programs by giving participants an opportunity to see what various programs around the country are doing.

It is used to develop leadership skills and to learn from the farms of successful Young Farmers in other states as well as from leaders in the agriculture industry.

The institute will be held at the Ramada Inn of Casper. The hotel is offering special room rates - $33 for single or double occupancy and $38 for triple or quad occupancy.

Four tours will be offered during the five-day program. Participants have a choice of four basic tours.

The first is an historical tour which will roughly parallel the Oregon Trail. Stops along the way include Fort Casper, Alcova Reservoir, Pathfinder Dam, Independence Rock and the Sun Ranch.



Casper, Wy. will be host city for the 18th National Young Farmers Educational Institute.

Ramada Inn banquet facility.

The second tour will focus on ranching in Wyoming. Stops will include two of the oldest ranches in the area as well as a scenic drive to the Easterbrook area, located in the Medicine Bow National Forest.

The third, or "Gillette," tour will take participants to Campbell County, the wealthiest county in Wyoming. Highlights of that tour are the Barkley Hereford Ranch, Amax coal mine and the Wyoming Buffalo Ranch.

The fourth tour will cover the Wheatland area - farming and ranching country. It is a popular feeding area during the winter for cattle from ranches in the area. Stops will be made at Von Forrell Herefords, Wilhelm's Limousin and the True Oil Feedlot.

## Exchange

From page 6

school guidance counselors to acquire future students with the vocational agriculture curriculum and the FFA program of activities.

This helped in attracting students into the vocational agriculture program that were unaware of it at junior high schools which feed into high schools.

Third place winner W.W. Weldon, South Florence Vocational Center, earned this recognition for his idea to develop a contract for implementing a 12-month vocational agriculture program.

The contract developed informed the administration of the work being accomplished by the 12-month vocational agriculture program.

The contract also provided the needed documents for completing applications for future 12-month employment. In addition, it included in-school activities, young farmer and adult farmer programs and student SOEP contracts.

# VO-AG/FFA Meet President Reagan

WASHINGTON, D.C. — More than 400 FFA state officers, vocational agriculture teachers, state supervisors and teacher educators met with President Reagan this July at special White House Rose Garden ceremonies.

The ceremonies were held in conjunction with the FFA State Presidents' Conference and the National SOE/FFA Workshop in Washington, D.C.

South Carolina representatives Tracy Yarborough, state president, Lake City Chapter, and Debbie Cribb, state vice president, Pleasant Hill Chapter, attended.

"You represent the best in America," Reagan told the group. "FFA is giving more than a fine start to young people like yourselves. By cultivating traditional values, leadership skills and patriotism, the FFA ensures the strength and vitality of our country."

Reagan praised business and industry for their support of vocational agriculture. "FFA has some 14,000 adult teachers and state advisors who are good caring Americans who are offering a gift of a lifetime, the gift of opportunity and it's all made possible in part by the generosity of the private sector," he said. This year business and industry are expected to give more than $2 million to provide incentive awards to FFA members.

Following Reagan's speech, the National FFA Officers presented him with a plaque commemorating the White House visit.

Earlier in the day, FFA members attended a Congressional Luncheon at the Capitol with remarks from Senator Robert Dole and Congressman E. (Kika) de la Garza.

Secretary of Agriculture John Block spoke to the group on Friday.

The FFA State Presidents' Conference and the National Supervised Occupational Experience (SOE)/FFA Workshop were week-long conferences designed to advance the goals of vocational agriculture and the FFA.

At the State Presidents' Conference, more than 100 FFA state officers from 50 states and Puerto Rico gathered to learn more about their leadership responsibilities and duties as American citizens. The Conference is sponsored by Chevrolet through the National FFA Foundation, Inc.

National FFA President Ron Wineinger said, "This week in Washington is not only an opportunity for each of us to grow personally, but also an opportunity for all of us together to tackle the challenges in education and agriculture."

The National SOE/FFA Workshop developed through the

Reagan

sponsorship of DEKALB AgResearch, Inc., brought together about 200 vocational agriculture teachers, state supervisors and teacher educators to discuss the role of SOE/FFA in high school vocational agriculture classrooms.

National FFA Advisor Larry Case said, "The workshop provides an outstanding opportunity for educators from across the nation to learn about new activities in vocational agriculture and motivates them to share this information with others. This will help keep SOE and FFA dynamic and viable components of vocational agriculture in these changing times."

The groups toured historic points of interest in Washington, D.C., and attended a theatrical performance at the Lazy Susan Dinner Theatre.

## Tour

From page 7

season crop-destroying insects

• early testing of the first synthetic pyrethroids, valuable as a pest control tool for the future.

The tour group also got a look at plans for the new 2,297-acre Pee Dee Research and Education Center for agriculture located just off I-95 in Darlington and Florence counties. It will be on the site of the historic Dargan-family farms.

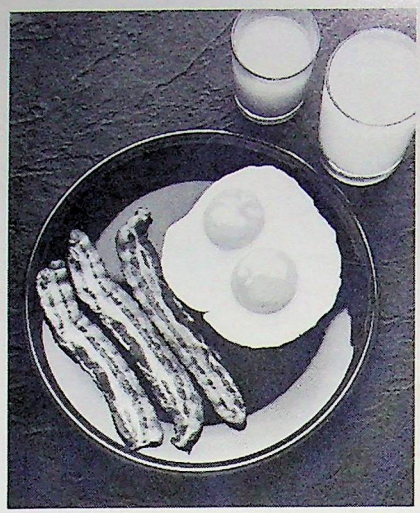
The new center will be shared with Pee Dee District Extension specialists and U.S. Department of Agriculture professionals conducting research on cotton insects and cotton breeding.

Tour participants then went to look at the 1,500-acre Harwell Farms and their diversified operations which include growing tobacco, corn, soybeans, small grain and raising beef cattle.

The Harwells own their own grain cleaning business and sell certified seed. They are deeply involved in soil, water and wildlife conservation and maintain managed ponds for fish and ducks.

The morning's final stop took the tour group to the Coleman Guano Co. and tobacco warehouse. Organized in 1935 by W.A. Coleman, it is now owned and operated by his two sons, J.R. and M.C. Coleman.

The tour ended with a barbecue lunch at the Coleman warehouse.



# Without Farmers You Couldn't Bring Home The Bacon.

Or the eggs, milk, juice and cereal. Or much else to eat, either. Farmers manage the land so efficiently that each one feeds nearly 80 other people. They invest endless hours and large amounts of money, then risk it all in the face of adverse weather, disease, and more. As farmer-owned, farmer-controlled cooperative lenders, we offer farmers the credit they need. As neighbors, you can give them the credit they deserve.

FARMING spoken here℠

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# MEETING the CHALLENGE

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